U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD 156886 Substitute for Form PTO-875 OTHER THAN CLAIMS AS FILED - PART I OR SMALL ENTITY SMALL ENTITY (Column 2) (Column 1) RATE FEE NUMBER EXTRA RATE FEE NUMBER FILED FOR BASIC FEE 19 t OR (37 CFR 1.16(a)) TOTAL CLAIMS 0 X S OR minus 20 = (37 CFR 1.16(c)) INDEPENDENT CLAIMS = X S OR minus 3 = (37 CFR 1.16(b)) OR MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) 90 OR TOTAL **TOTAL** * If the difference in column 1 is less than zero, enter "0" in column 2. CLAIMS AS AMENDED - PART II OTHER THAN OR SMALL ENTITY SMALL ENTITY (Column 3) (Column 2) (Column 1) HIGHEST CLAIMS PRESENT RATE ADDI-RATE ADDI-NUMBER REMAINING TIONAL **TIONAL EXTRA PREVIOUSLY AMENDMENT** AFTER FEE FEE AMENDMENT PAID FOR Minus Total 9 Ð X \$ X S = OR (37 CFR 1.16(c)) Independent (37 CFR 1.16(b)) Minus = = OR X \$ X \$ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR + s **TOTAL** TOTAL OR ADD'L FEE ADD'L FEE (Column 1) (Column 2) (Column 3) HIGHEST CLAIMS ADDI-PRESENT RATE RATE ADDI-NUMBER REMAINING TIONAL **EXTRA** TIONAL **PREVIOUSLY** ENDMENT AFTER FEE AMENDMENT FEE PAID FOR Minus Total 20 20 OR X \$ (37 CFR 1.16(c)) Minus Independent (37 CFR 1.16(b)) 2 OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR TOTAL TOTAL OR ADD'L FEE ADD'L FEE (Column 2) (Column 3) (Column 1) HIGHEST CLAIMS ADDI-RATE PRESENT RATE ADDI-O NUMBER REMAINING TIONAL **EXTRA** TIONAL **PREVIOUSLY** [][0] AFTER ENDMENT FEE FEE PAID FOR AMENDMENT Minus Total 0 D X \$ OR (37 CFR 1.16(c)) Minus Independent (37 CFR 1.16(b)) X S OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d)) OR TOTAL TOTAL OR ADD'L FEE ADD'L FEE * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/06 (08-03)

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE o a collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875									Application or Docket Nymber 0915686		
CLAIMS AS FILED – PART I (Column 1) (Column 2) SMALL ENTITY									OR	OTHER THAN SMALL ENTITY	
FOR NUMBER FILED			R FILED	NUMBER EXTRA			RATE	FEE		RATE	FEE
	C FEE FR 1.16(a))							\$	OR		\$
TOTA	AL CLAIMS FR 1.16(c))		minus 20 =				x \$=		OR	x \$=	
INDE	PENDENT CLAIMS	s	minus 3 =				x \$=		OR	× \$=	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))					+s =		OR	+ \$=			
* If the difference in column 1 is less than zero, enter "0" in column 2.						TOTAL		OR	TOTAL		
If the difference in column 1 is less than 2010, Onto 1 a modulin.											
CLAIMS AS AMENDED – PART II								OR		R THAN	
		(Column 1)		(Column 2)	(Column 3)	ı r	SMALL E	ENTITY	1	SMALL	ENTITY
NT A	8/24/01	REMAINING AFTER AMENDMENT	P	NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
ME	Total (37 CFR 1.16(c))	. 19	Minus *	20	= /		x \$=		OR	x \$=	
AMENDMENT	Independent (37 CFR 1.16(b))	•	Minus *	" 3	= /		x \$=		OR	x \$=	
¥	FIRST PRESENTA	ATION OF MULTIPLE	E DEPENDENT	CLAIM (37 CF	R 1.16(d))		+ \$=		OR	+ s=	
							TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
	(Column 1) (Column 2) (Column 3)										
NT B	11/29/02	(Column 1) CLAIMS REMAINING AFTER AMENDMENT	F	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
ME	Total (37 CFR 1.16(c))	. 19	Minus *	20	= /		x \$=		OR	x \$=	
AMENDMENT	Independent (37 CFR 1.16(b))		Minus *		=/	1 [x \$=		OR	x \$=	<u></u>
¥	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					$ \ $	+ \$=		OR	+ \$=	
							TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
		(Column 1)		(Column 2)	(Column 3)	, ,		T	7		1
AMENDMENT C	1/16/03	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total (37 CFR 1.16(c))	19	Minus '	20	= /	1	x \$=		OR	x \$=	
	Independent (37 CFR 1.16(b))		Minus	"" 3	= /	1	x \$=		OR	x \$=	
AM	···	ATION OF MULTIPL	E DEPENDEN	IT CLAIM (37 CI	R 1.16(d))	1	+ \$ =		OR	+ \$=	
							TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".											

*** If the "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/06 (08-03)

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875								Application or Docket Number			
CLAIMS AS FILED – PART I (Column 1) (Column 2)							SMALL E	ENTITY	OR		R THAN ENTITY
FOR NUMBER FILED NUMBER				R EXTRA		RATE	FEE		RATE	FEE	
BASIC FEE (37 CFR 1.16(a))						\$	OR		s		
TOTAL CLAIMS (37 CFR 1.16(c)) minus 20 = *					x \$=		OR	× s=			
(37 CFR 1.16(b)) minus 3 = *					x \$ =		OR	× \$=			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))						+s =		OR	+s =		
						TOTAL		OR	TOTAL		
If the difference in Column 1 is less than 2010, onto 0 in column 2.											
CLAIMS AS AMENDED – PART II											
	(Column 1) (Column 2) (Column			(Column 3)	i	SMALL	NTITY	OR 1		ENTITY	
NT A	11/15/03	CLAIMS REMAINING AFTER AMENDMENT	F	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
M	Total (37 CFR 1.16(c))	19	Minus *	20	= -		x \$=		OR	x \$=	
▍႘⊦	Independent (37 CFR 1.16(b))	• 1	Minus *	. 3	=		x \$=		OR	x \$=	
₹	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))						+\$ =		OR	+ \$=	
						•	TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
				(O alvera 2)	(Caluma 2)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<u> </u>	,		
N B	1/28/05	(Column 1) CLAIMS REMAINING AFTER AMENDMENT	F	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATÉ	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total (37 CFR 1.16(c))	. 19	Minus *	20	=	1	× \$=	!	OR	x s=	
ᅵ불ᅡ	Independent (37 CFR 1.16(b))	,	Minus *	<u> </u>	= (1	× \$=		OR	x \$=	
\vec{A}	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))						+\$ =		OR	+s =	
 	· · · · · · · · · · · · · · · · · · ·						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
,				(O-lov 0)	(Caluma 2)		,		4		
(Column 1) (Column 2) (Column 3) CLAIMS HIGHEST					1		T	1			
		REMAINING AFTER		NUMBER PREVIOUSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE	,	RATE	ADDI- TIONAL FEE
빨	Total	*	Minus '	PAID FOR	=	1	× s=		OR	x \$=	
AMENDMENT	(37 CFR 1.16(c)) Independent (37 CFR 1.16(b))	•	Minus '	***	=	1	x \$	 	OR	x \$ _=	
¥	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					1			OR	+ s =	
FIRST PRESENTATION OF MULTIFLE DEFENDENT COOK 1.10(0))						1	+s=		1	TOTAL	
.	If the entry in co	olumn 1 is less tha	an the entry i	n column 2, wri	te "0" in column	3.	ADD'L FEE	L	OR	ADD'L FEE	
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.											

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.